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Myer

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[54] **OMNIDIRECTIONAL PLANAR  
OPTICAL CODE READER**

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350/7, 235/61.11 E

[51] Int. Cl. ....**H04n 1/04**

[58] Field of Search.....178/7.6, DIG. 27; 350/6, 7,  
350/285; 250/235, 236; 235/61.11 E; 356/71

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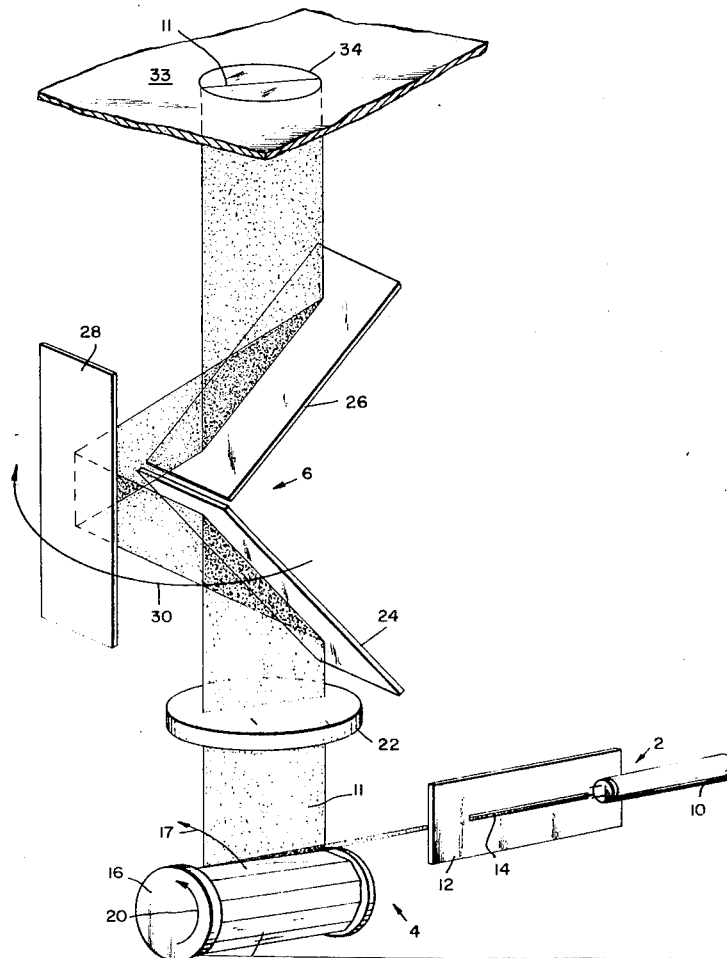
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[57] **ABSTRACT**

An optical system for reading graphic codes, regardless of their orientation in a plane, includes apparatus for generating a scan of a shaped light beam and rotating the scan on and across targets having a code for transmission of the code to a detector. Alternatively, the code of the target may be included within the beam which is scanned across and rotated on the detector. In both cases, the beam is so dimensioned as to enable proper reading of the code. Such reading is useful in inventorying, cataloging, and tabulating goods such as items in warehouses, factories, supply depots and various commercial retail outlets such as supermarkets.

**41 Claims, 11 Drawing Figures**



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OR IN 235/61.11R